

Amendments to the Specification

Please delete paragraph 170.

Please replace the paragraph number 171, with the following rewritten paragraph:

For the purposes of the present invention, the term “recursive feedback” refers to a process in which the next state of an output is based on a function that includes the prior state of the output. The output may be a mirror copy of an output bit, may be inverted, *etc.* Also, that there may be additional drive circuitry and even some logical modification of the value between the output and the electrodes that drive the circuitry. In recursive feedback, results from one stage are fed back and combined with new inputs to compute the next value. In the descriptions of the embodiments below, this term is often used to mean feeding the output storage bit or a function of the output storage bit back to combine with new inputs. This function may include a separate bit that is separate from the output storage bit that stores a function of the output storage bit. “Bit recursive feedback” is recursive feedback where the output of a given element is based on a single bit. For the purposes of the present invention, the term “recursive feedback” refers to any process where a new output state is based at least in part on the old output state. The feedback may be physical in terms of a wire or a memory read operation, or it may be “implicit” due to the way the data storage structure and control operates, for example.